

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	("20010048981"   "4431898"   "5413670"   "5916455"   "6374831").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 10:53
S2	5	("20010048981"   "4431898"   "5413670"   "5916455"   "6374831").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 11:05
S3	620	(@ad<="20030627") and (toroid\$3 with plasma)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 11:06
S4	2	S2 and toroid\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 11:06
S5	32	(@ad<="20030627") and (toroid\$3 with plasma) and ((argon or "ar") with (NF3 or "NF.sub.3"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 16:34
S6	10	(@ad<="20030627") and (toroid\$3 with plasma) and ((argon or "ar") with (NF3 or "NF.sub.3")) and (ignit\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 15:43
S7	0	("20060226119").PN.	USPAT; USOCR	OR	OFF	2007/12/03 13:19
S8	2	("20060226119").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/03 13:19
S9	0	(@ad<="20030627") and ((argon or "ar") with (NF3 or "NF.sub.3")) and ((ignit\$3) with plasma with increase with pressure)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 15:44
S10	0	(@ad<="20030627") and ((argon or "ar") with (NF3 or "NF.sub.3")) and ((ignit\$3) with plasma with higher with pressure)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 15:45
S11	0	(@ad<="20030627") and ((argon or "ar") with (NF3 or "NF.sub.3")) and ((ignit\$3 or break\$1down) with plasma with higher with pressure)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 15:46

S12	8	(@ad<="20030627") and ((argon or "ar") with (NF3 or "NF.sub.3")) and ((ignit\$3 or break\$1down) with plasma with (higher or reduc\$3 or increas\$3 or lower\$3) with pressure)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 15:47
S13	10	(@ad<="20030627") and (toroid\$3 with plasma) and ((argon or "ar") with (NF3 or "NF.sub.3")) and (ignit\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 16:33
S14	0	S13 and (f2 or "f.sub.2")	USPAT	OR	OFF	2007/12/03 16:33
S15	8	(@ad<="20030627") and (toroid\$3 with plasma) and ((argon or "ar") with (NF3 or "NF.sub.3")) and (f2 or "f. sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/03 16:34
S16	2	("20060226119").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 16:09
S17	2	(US-20020020429-\$ or US-20030129106-\$).did.	US-PGPUB	OR	OFF	2008/03/11 09:49
S18	0	S17 and incres\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 09:50
S19	2	S17 and increas\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 09:50
S20	0	S17 and (F2 or "F.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 09:59
S21	2	S17 and (F2 or "F.sub.2" or fluorine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 09:59

S22	2	(@ad<="20030627") and ((argon or "ar") with (F2 or "F.sub.2" or fluorine)) and ((ignit\$3) with plasma with higher with pressure)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 10:05
S23	160	(@ad<="20030627") and ((argon or "ar") with (F2 or "F.sub.2" or fluorine)) and ((ignit\$3) with plasma)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 10:07
S24	51	(@ad<="20030627") and ((argon or "ar") with (F2 or "F.sub.2")) and ((ignit\$3) with plasma)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 10:07
S25	44	(@ad<="20030627") and ((argon or "ar") with (F2 or "F.sub.2")) and ((ignit\$3) with plasma) and clean\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 10:09
S26	36	(@ad<="20030627") and ((argon or "ar") with (F2 or "F.sub.2")) and ((ignit\$3) with plasma) and (chamber with clean\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 10:09
S27	14	(@ad<="20030627") and (((argon or "ar") with (F2 or "F.sub.2")) same (chamber with clean\$4)) and ((ignit\$3) with plasma)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 10:11
S28	33	(@ad<="20030627") and ((argon or "ar") with (F2 or "F.sub.2" or NF3 or "NF.sub.3")) and (downstream with plasma with etch\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 13:49
S29	19	(@ad<="20030627") and ("paschen curve" with ignition)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 14:57
S30	2	("4,906,811").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 15:03
S31	7	(@ad<="20030627") and (lower with pressure with ignite with plasma)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:39
S32	3	(@ad<="20030627") and (reduce with pressure with ignite with plasma)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:52

S33	3350	((216/67.ccls.)).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 14:59
S34	3116	(216/67.ccls.) and plasma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 15:00
S35	315	(216/67.ccls.) and plasma and (ignite or ignition or breakdown)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 15:00
S36	180	(216/67.ccls.) and (plasma with (ignite or ignition or breakdown))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 15:01
S37	97	(134/1.1.ccls.) and (plasma with (ignite or ignition or breakdown))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 15:01
S38	840	(134/1.1.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 15:01
S39	2	(kannan-H\$).in. and (plasma with (ignite or ignition or breakdown))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 15:02
S40	3	(tamura-N\$).in. and (plasma with (ignite or ignition or breakdown))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 15:02

S41	2	(dobashi-K\$).in. and (plasma with (ignite or ignition or breakdown))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 15:03
S42	8	(@ad<="20030627") and ((argon or "ar") with (NF3 or "NF.sub.3")) and (second with ((mass with flow with controller) or MFC))	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/17 12:04
S43	12	(@ad<="20030627") and (second with ((mass with flow with controller) or MFC) with higher with flow)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/17 12:10

**10/ 20/ 2009 10:46:28 AM**

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